



# SAFETY DATA SHEET

## BIO-GREEN ANTI-BACTERIAL DISHWASHING LIQUID

Infosafe No.: CI012  
ISSUED Date : 08/02/2021  
ISSUED by: CUSTOM CHEMICALS  
INTERNATIONAL PTY LTD

### 1. Identification

**GHS Product Identifier**

BIO-GREEN ANTI-BACTERIAL DISHWASHING LIQUID

**Product Code**

0010295

**Company name**

CUSTOM CHEMICALS INTERNATIONAL PTY LTD (ABN 73 050 537 674)

**Address**

103-107 Potassium Street Narangba  
QLD AUSTRALIA

**Telephone/Fax Number**

Tel: 07 3204 8300  
Fax: 07 3204 8311

**Emergency phone number**

13 1126 in Australia (AH)

**Recommended use of the chemical and restrictions on use**

Water based detergent

### 2. Hazard Identification

**GHS classification of the substance/mixture**

Classified as Hazardous according to the Globally Harmonised System of Classification and Labelling of Chemicals (GHS) including Work, Health and Safety Regulations, Australia.

Not classified as Dangerous Goods according to the Australian Code for the Transport of Dangerous Goods by Road and Rail. (7th edition)

Eye Damage/Irritation: Category 2A

**Signal Word (s)**

WARNING

**Hazard Statement (s)**

Causes serious eye irritation.

**Pictogram (s)**

Exclamation mark

**Precautionary statement –Prevention**

Wash contaminated skin thoroughly after handling.

Wear protective gloves/protective clothing/eye protection/face protection.

**Precautionary statement –Response**

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
If eye irritation persists: Get medical advice/attention.

### 3. Composition/information on ingredients

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**Ingredients**

Name	CAS	Proportion
Alcohol, ethoxylated, Sulphate, Sodium	68585-34-2	0-10 %
Other ingredients classified as non hazardous at the concentrations used according to the criteria of Safework Australia		-

### 4. First-aid measures

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**Inhalation**

If inhaled, remove affected person from contaminated area. Remove contaminated clothing and loosen remaining clothing. Allow patient to assume most comfortable position. Apply artificial respiration if not breathing. Seek medical attention.

**Ingestion**

Do not induce vomiting. Wash out mouth thoroughly with water. If vomiting occurs, give further water to achieve effective dilution. Seek immediate medical attention.

**Skin**

Wash skin with plenty of water. Ensure contaminated clothing is washed before re-use or discard. Seek medical attention if burning, irritation or redness develops.

**Eye contact**

If in eyes, hold eyelids apart and flush the eyes continuously with running water. Remove contact lenses. Continue flushing until advised to stop by the Poisons Information Centre or a doctor, or for at least 15 minutes. Seek immediate medical attention.

**First Aid Facilities**

Eyewash, safety shower and normal washroom facilities.

**Advice to Doctor**

Treat symptomatically.

**Other Information**

For advice in an emergency, contact a Poisons Information Centre (Phone Australia 131 126) or a doctor at once.

### 5. Fire-fighting measures

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**Fire Fighting Measures**

Keep containers exposed to extreme heat cool with water spray. Fire fighters to wear self contained breathing apparatus if risk of exposure to products of combustion or decomposition.

**Suitable Extinguishing Media**

Use carbon dioxide, water fog or fine water spray. Use media appropriate for the surrounding fire conditions.

**Hazards from Combustion Products**

Non combustible material however if involved in a fire will emit toxic fumes.

**Specific Hazards Arising From The Chemical**

This product is non combustible.

## 6. Accidental release measures

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### Spills & Disposal

Minor spills do not normally need any special clean up measures. In the event of a large spill, prevent spillage from entering watercourses. Wear appropriate protective equipment (as listed in Section 8 of this SDS) to prevent eye and skin contamination. Spilt material may result in a slip hazard and should be absorbed into dry, inert material to be collected in appropriately labelled containers for disposal by an approved agent according to local regulations. Residual deposits will remain slippery, wash down with excess water. If contamination of drains or sewers occurs advise local emergency services.

## 7. Handling and storage

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### Precautions for Safe Handling

Avoid contact with incompatible materials. When handling DO NOT eat, drink or smoke. Keep containers closed at all times. Avoid physical damage to containers. Always wash hands with water after handling.

### Conditions for safe storage, including any incompatibilities

Store in a cool dry well-ventilated area. Do not store in aluminium or light alloy containers. Keep containers closed when not in use, securely sealed and protected against physical damage. Inspect regularly for deficiencies such as damage or leaks.

## 8. Exposure controls/personal protection

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### Occupational exposure limit values

No Exposure Limit Established

### Appropriate engineering controls

This substance is hazardous and should be used with a local exhaust ventilation system. Avoid generating mists of the product. If the engineering controls are not sufficient to maintain concentrations of dust below the exposure standards, suitable respiratory protection must be worn.

### Respiratory Protection

Not required for normal cleaning operations.

### Eye Protection

Generally not required to handle properly diluted solutions of the product. The use of safety glasses with side shield protection, goggles or face shield is recommended to handle in quantity, cleaning up spills, decanting etc.

### Hand Protection

Generally not required to handle properly diluted solutions of the product. Overalls, work boots & elbow length gloves are recommended for handling the concentrated product in quantity, cleaning up spills, decanting etc.

## 9. Physical and chemical properties

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Properties	Description	Properties	Description
Form	Liquid	Appearance	Viscous, green liquid.
Odour	Fragrant	Freezing Point	Approx 0°C
Boiling Point	100°C	Solubility in Water	Miscible in all proportions.
Specific Gravity	1.00 - 1.02 (25°C)	pH	5.5 - 6.5(neat)
Vapour Pressure	Not available	Volatile Component	Ca 70% v/v
Flammability	Non combustible		

## 10. Stability and reactivity

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### Chemical Stability

Stable under normal conditions of storage and handling.

### Conditions to Avoid

May corrode mild steel, copper, aluminium and zinc fittings.

### Hazardous Decomposition Products

Product can decompose on combustion to form Carbon Monoxide, Carbon Dioxide, and other possibly toxic gases and vapours.

### Hazardous Polymerization

Not available.

## 11. Toxicological Information

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### Toxicology Information

No adverse health effects expected if the product is used in accordance with this Safety Data Sheet and product label.

### Ingestion

Ingestion of this product can result in nausea, vomiting of blood and eroded tissue, chemical burns of the mouth, throat and abdomen, perforation of the gastrointestinal tract.

### Inhalation

Inhalation of mists and aerosols can produce mucous membrane & respiratory irritation.

### Skin

Skin contact can cause redness, itching, irritation and pain. Severity depends on the concentration and duration of exposure.

### Eye

Eye contact will cause irritation, stinging, blurring and tearing.

### Chronic Effects

Prolonged and repeated skin contact with diluted solutions may induce eczematoid dermatitis.

## 12. Ecological information

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### Ecotoxicity

Harmful to aquatic life.

### Persistence and degradability

Individual components stated to be biodegradable.

### Mobility

Product miscible in all proportions with water. Do not discharge bulk quantities into drains, sewers or waterways.

### Environmental Protection

Prevent large amounts from entering waterways, drains and sewers.

## 13. Disposal considerations

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### Disposal considerations

Dispose of waste according to applicable local and national regulations. Do not allow into drains or watercourses or dispose of where ground or surface waters may be affected. Wastes including emptied containers are controlled wastes and should be disposed of in accordance with all applicable local and national regulations.

## 14. Transport information

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### Transport Information

Not classified as Dangerous Goods according to the Australian Code for the Transport of Dangerous Goods by Road and Rail. (7th edition)

**U.N. Number**

None Allocated

**UN proper shipping name**

None Allocated

**Transport hazard class(es)**

None Allocated

## 15. Regulatory information

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**Regulatory information**

Classified as Hazardous according to the Globally Harmonised System of classification and labelling of chemicals (GHS) including Work, Health and Safety regulations, Australia

Not classified as a Scheduled Poison according to the Standard for the Uniform Scheduling of Medicines and Poisons (SUSMP)

**Poisons Schedule**

Not Scheduled

## 16. Other Information

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**Date of preparation or last revision of SDS**

SDS reviewed: Feb 2021, Supersedes: Oct 2016

**References**

Preparation of Safety Data Sheets for Hazardous Chemicals Code of Practice.

Standard for the Uniform Scheduling of Medicines and Poisons.

Australian Code for the Transport of Dangerous Goods by Road & Rail.

Model Work Health and Safety Regulations, Schedule 10: Prohibited carcinogens, restricted carcinogens and restricted hazardous chemicals.

Workplace exposure standards for airborne contaminants.

Adopted biological exposure determinants, American Conference of Industrial Hygienists (ACGIH).

Globally Harmonised System of classification and labelling of chemicals.

**Uses and Restrictions**

BIO-GREEN ANTI-BACTERIAL DISHWASHING LIQUID is safe to use on most surfaces compatible with water.

Manual Dishwashing: 5 –10 ml per sink load of hot water

General cleaning: 10 –20 ml per 10L bucket of water

**User Information**

BIO-GREEN ANTI-BACTERIAL DISHWASHING LIQUID is a new generation cleaner with a unique mix of plant based wetting agents and foaming agents. The product utilizes a plant based acid as nature's anti-bacterial agent –found in foods, plants, animals and the human body. These natural anti-bacterial agents play an important role in cellular and body metabolism and are classified as non-toxic and readily biodegradable. The product is ideal for manual dishwashing and general cleaning with outstanding skin compatibility and a steady supply of foam. Prepared from select ingredients that have been carefully chosen to maximize both ecological and operator safety.

**Other Information**

DO NOT MIX WITH OTHER CHEMICALS WITHOUT PRIOR CONSULTATION WITH THE MANUFACTURER. Always use product as directed. Never return any unused material to original drum.

The information sourced for the preparation of this document was correct and complete at the time of writing to the best of the writers knowledge. The document represents the commitment to the company's responsibilities surrounding the supply of this product, undertaken in good faith. This document should be taken as a safety guide for the product and its recommended uses but is in no way an absolute authority. Please consult the relevant legislation and regulations governing the use and storage of this type of product.

## END OF SDS

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